

Title (en)
Evaporator arrangement

Title (de)
Verdampferanordnung

Title (fr)
Arrangement d'évaporateur

Publication
EP 1598595 B1 20100908 (DE)

Application
EP 05006431 A 20050323

Priority
DE 102004020129 A 20040426

Abstract (en)
[origin: DE102004020129B3] The evaporator has a porous evaporator medium (28), and a liquid fuel line arrangement (36) leading to the porous evaporator medium and a heating mechanism (38) at a back (32) of the porous evaporator medium, which can be positioned away from a mixing chamber (16). Between the porous evaporator medium and the heating mechanism a direct contact between a separating element (30) is arranged. The separating element has a fuel introducing opening (72) for the line arrangement. The line arrangement is held by the opening and a delivery end under pressure against the porous evaporator medium. The separating element is formed of metal and the whole back of the porous evaporator medium covered. An independent claim is included for a method.

IPC 8 full level
F23D 3/40 (2006.01); **F23D 5/18** (2006.01); **F23D 11/44** (2006.01)

CPC (source: EP)
F23D 3/40 (2013.01)

Cited by
EP1662199A3; DE102011005103B4; DE102013220652A1; DE102013220652B4; DE102014005173A1; EP1662199A2

Designated contracting state (EPC)
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